

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	6	(zero adj forcing) near1 filters	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/12 16:26
S1	127	(CLTD or (closed-loop adj transmit adj diversity))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 10:14
S2	7	(CLTD or (closed-loop adj transmit adj diversity)) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:06
S3	78	(transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:06
S4	64	(transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:07

S5	48	(transmit\$4 adj diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:07
S6	113	(diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:08
S7	102	(diversity) and (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) and transmitter and receiver	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:41
S9	12	(diversity) with (feedback or feed-back) and (interference adj (cancel\$5 or detect\$4)) and weight\$3 and (channel adj estimat\$3) and transmitter and receiver	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:08
S10	1	"20030148770" and interference	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 10:13
S12	0	(CLTD or (closed-loop adj transmit adj diversity)) and (inverse adj diversity)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 10:15

S14	1	(CLTD or (closed-loop adj transmit adj diversity)) and (interference adj detect\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 10:16
S17	583	equalizer with spread\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 11:37
S18	175	equalizer with spreading	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/03 12:55
S19	3	"20030217215"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 12:14
S40	63	weight\$3 with (channel adj1 estimat\$3) with (feedback or feed-back)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 14:35
S41	6	weight\$3 with (channel adj1 estimat\$3) with (feedback or feed-back) and (interference adj (cancel\$4 or detect\$3 or mitgrat\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 14:36

S42	1	"20040076224" and (coherent adj combin\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/05 13:19
S43	450	(coherent adj combin\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/05 13:20
S44	54	(coherent adj combin\$3) and equaliz\$4 and despread\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/05 13:21
S45	26	equaliz\$3 with CDMA with despread\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 10:59
S46	36638977	375/144.ccls.and@<"20061214"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:41
S47	391	375/144.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:46

S48	736	375/144;455/455.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:46
S49	5774	375/144,267;455/455;370/342.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:47
S50	1335	375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:48
S51	113	375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5) and (weight\$3 adj vector\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:49
S52	37	375/144,267;455/455;370/342.ccls. and (channel adj estimat\$5) and (weight\$3 adj vector\$1) and (spreading adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 10:49
S53	1	"20040076224" and compar\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 13:38

S54	5	(CLTD or (closed-loop adj transmit adj diversity)) and (weight\$1 adj compar\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 13:50
S55	0	((closed-loop adj transmit adj diversity)) and (weight\$1 adj compar\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 13:51
S56	104	((closed-loop adj transmit adj diversity)) and (weight\$1 )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 13:51
S57	64	((closed-loop adj transmit adj diversity)) and (weight\$1 ) and interference	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 14:18
S58	0	(transmit adj diversity) and compar\$5 near weigth\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 08:43
S59	2	(transmit adj diversity) and compar\$5 and weigth\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 08:45

S60	6	"7155177"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 08:53
S61	9	("20040198452"   "5799047"   "6078611"   "6115406"   "6377812"   "6411257"   "6492942"   "6603801"   "6765969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 08:54
S62	2	"7181176"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 09:04
S63	11	("20030053524"   "20030064690"   "20030073410"   "20030114164"   "20030157967"   "20040014503"   "20040147227"   "20040157646"   "20040203468"   "6728307"   "6834043"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 09:06
S64	0	"20030148770" and (antenna adj calculat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/07/09 09:56
S65	1	"20030148770" and (weight\$1 adj calculat \$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/07/09 09:57
S66	217	(weight\$3 adj vector\$1) and (transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 09:59
S67	0	(weight\$3 adj vector\$1) and (closes\$1 adj loop adj transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 09:59

S68	28	(weight\$3 adj vector\$1) near (difference combin\$5 sum\$4 compar\$5) and (transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 10:00
S72	0	(closed adj loop adj transmit adj diversity) with weights with equalizer with despread\$3 with (channel adj estimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:43
S73	0	(closed adj loop adj transmit adj diversity) with weights with equalizer with despread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:43
S75	0	(interference adj (detect\$3 cancel\$5)) with weights with equalizer with despread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:44
S76	6	(interference adj (detect\$3 cancel\$5)) with equalizer with despread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:44
S77	161	(interference adj (detect\$3 cancel\$5)) and equalizer and despread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:46



S78	65	(interference adj (detect\$3 cancel\$5)) and equalizer and despread\$3 and weights	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:46
S79	26	(closed adj loop adj transmit adj diversity) and weights and equalizer and despread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:47
S80	2	"6388701".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:51
S81	199	(CLTD or (closed-loop adj transmit adj diversity))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:54
S82	3	(CLTD or (closed-loop adj transmit adj diversity)) with ((interference adj (detect\$3 cancel\$3)) ici isi)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:55
S83	2	(CLTD or (closed-loop adj transmit adj diversity)) with (interference adj (detect\$3 cancel\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 15:55
S84	21	(eva near puente).xa.	USPAT	OR	OFF	2009/01/26 16:23
S85	119	(eva near zheng).xa.	USPAT	OR	OFF	2009/01/26 16:23

S86	44	(eva near zheng).xa. and interference	USPAT	OR	OFF	2009/01/26 16:23
S87	3	(eva near zheng).xa. and (closed adj loop)	USPAT	OR	OFF	2009/01/26 16:28
S88	1	(eva near zheng).xa. and (closed adj loop) and weights	USPAT	OR	OFF	2009/01/26 16:28
S89	1	(eva near zheng).xa. and (closed adj loop) and (channel adj estimat\$3)	USPAT	OR	OFF	2009/01/26 16:29
S90	5	mimo with equalizer with despreader	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 08:57
S91	76	mimo and equalizer and despreader	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 08:58
S92	51	mimo and equalizer and despreader and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:05
S93	41	mimo and equalizer and despreader and feedback and weight\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:05
S94	9	(channel adj estimat\$3) with weights with feedback with (interference equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:43

S95	0	dtd with (interference adj (cancel\$5 detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:45
S96	8502	(interference adj (cancel\$5 detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:46
S97	437	(interference adj (cancel\$5 detect\$3)) and (closed adj loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:46
S98	29	(interference adj (cancel\$5 detect\$3)) and (closed adj loop adj transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:46
S99	293	(closed adj loop adj transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/27 09:49
S104	1	"20030148770" and interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 14:57

S105	23	(weights) with (closed-loop adj transmit adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:13
S106	49	(weights) with (feedback with diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:18
S107	0	(select\$3 adj weights) with (feedback with diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:25
S110	569	(weights) with diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:44
S111	48	(weights) with diversity with interference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:45
S112	33	chip-level adj equalizer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/30 15:52

S113	3053	(channel adj estimat\$3) with (received adj signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:05
S114	1822	"375"/.clas. and (channel adj estimat\$3) with (received adj signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:06
S115	150	((EKO) near2 (ONGGOSANUSI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 13:06
S116	30	"375"/.clas. and (channel adj estimat\$3 adj matrix) with (received adj signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:19
S117	1	"375"/.clas. and (channel adj estimat\$3 adj matrix) with (pseudo adj inverse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:25
S118	59	(channel adj estimat\$3 adj matrix) and (conjugate adj transpose)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:27

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